

CLAIMS

What is claimed is:

Sub Q3
112,1
1. A dextran-coated surface on a carrier having a carrier surface with a connection between the dextran and the carrier surface formed by a photolinker, said dextran-coating being attached to said carrier surface by co-immobilization of a mixture of dextran and the photolinker.

2. A dextran-coated surface according to claim 1, wherein said photolinker is a 3-trifluoromethyl-3-(m-isocyanophenyl)-diazirine (TRIMID)-modified protein. *only BSA, 112, 1*
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Sub Q4
3. A dextran-coated surface according to claim 1, wherein said photolinker is a 3-trifluoromethyl-3-(m-isocyanophenyl)-diazirine (TRIMID)-modified protein.

4. A dextran-coated surface according to claim 3, wherein said polysaccharide is aminodextran.

Sub Q5
5. A dextran-coated surface according to claim 1, wherein said protein is bovine serum albumin (BSA).

6. A dextran-coated surface according to claim 1, wherein said carrier surface is coated with a polymer film.

7. A dextran-coated surface according to claim 6, wherein said polymer film consists of one of polyimide and poly-(p-xylylene). *parylene*

Sub
Alg
8. A dextran-coated surface according to claim 1, wherein said carrier surface is the surface of a mass-sensitive sensor.

9. A dextran-coated surface according to claim 8, wherein said mass-sensitive sensor is a component capable of utilizing surface acoustic waves.

10. A dextran-coated surface according to claim 1, wherein said carrier surface is the surface of an optical or electro-mechanical sensor.

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